Paratransit and its modernisation

A key aspect to foster transition for urban mobility

Day 2 - Thursday November 8th



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(Briefly) understanding paratransit

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Paratransit? Or informal transport?



The definition of 'paratransit' might vary from one context to the next.



Paratransit, Informal transport, Popular transport, ...

Transport artisanal, Transport informel, ...

Transporte informal, Transporte alternativo, ...







Paratransit (all) around the world



Paratransit in Asia

Note: This slide was constructed using published information from Baffi & Musil (2021). All photo credits are from their document.







Inefficiencies directly





Paratransit stakeholders



产量 Mobilise 不同意义 Mobilise

The driver:

The role of paratransit



Even if paratransit services have undeniable advantages, they are most often recognised because of the externalities they (partly) generate:



Increasing levels of CO₂ emissions

Increasing local pollution levels





The need for systemic reform

The difficulty of introducing policies to improve the quality of service and the articulation with the overall transport offer, and the precarious working conditions of the operators justify the will of the public authorities to reform the paratransit offer in order to integrate it into the urban mobility system.

> **MobiliseYourCity**, 2021 Reforming paratransit – A catalogue of practical actions for policy-makers and practitioners





Tools for systemic reform

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MobiliseYourCity's paratransit toolkit

A set of guidelines, case studies and training materials directly linked to paratransit reform.

The objective is to generate a reform programme that is context-conscious : all cities and all paratransit sectors are different and reform needs to be tailormade.



Paratransit toolkit – Step 1 : Preparing the reform









Paratransit toolkit – Step 2: Reforming the sector



Paratransit toolkit – Step 3: Supporting the reform







Paratransit toolkit – Step 4: Ensuring the implementation of reforms









Approaches to reform

Exclusion of incumbent operators

Replacement of existing services

Inclusion of existing supply



Paratransit 'survives' only because the formal option is not yet available. Once it is available, incumbent operators will need to withdraw from the system.



A systemic can be enacted for the paratransit sector, but only under conditions defined by authorities. Existing operators need to adhere to all regulations.



Paratransit services have characteristics that can be used when implementing a multimodal vision of public transport services.



Approaches to reform





Approaches to reform

Defining a role for paratransit services Vehicle improvements to suit their function Implementing an adapted regulation

Exclusion of incumbent operators **Replacement** of existing services

Inclusion of existing supply



Give each mode a role in the system in accordance with its characteristics

Find the right mix of vehicles in the paratransit sector to secure its place in the system



Define a coherent regulatory framework that allow for progressive improvement of paratransit



Balance in reforms

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Mode capacity vs. Service flexibility









A need for progressivity







A need for progressivity

The example of Yaoundé -The proposed roadmap-





Working on each mode separately?







Each mode, within a system, has distinct operational characteristics.

Each mode has a level of professionalisation inherent to its operations.

Each mode should have a different role (adapted to its characteristics) in a multimodal system.

Each mode's stakeholders have different relationships with institutions and users.





Contracting with paratransit operators







Three main axis to measure reform efforts









SSATP published three cases of paratransit reform that depict different approaches and that highlight how to balance "sticks" and "carrots".

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Cape Town's BRT implementation



SSATP published three cases of paratransit reform that depict different approaches and that highlight how to balance "sticks" and "carrots".

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Kigali's systemic reform



Yes, there is a place for paratransit in SUMPs!











A multimodal vision to give each mode its most pertinent role in the system

Using paratransit advantages in the system (flexibility)





Paratransit and its modernisation

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